

UNIT 3**Parallel and Perpendicular Lines**

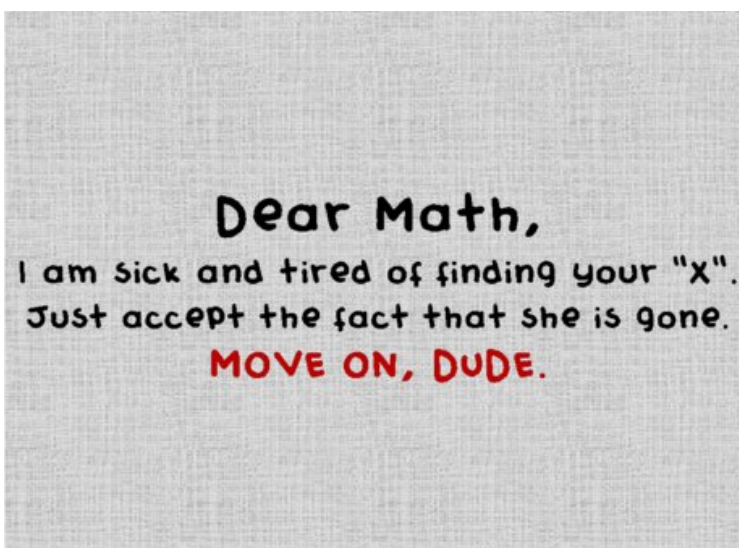
SECTION	TARGET	TITLE	PAGE	HOMEWORK
3.1	3A	Parallel and Perpendicular Lines		Unit 3 Worksheet 1
3.1/3.2	3B,3C	Angle Pairs formed by Parallel Lines		Unit 3 Worksheet 2
3.2	3D	Angle Measures of Special Pairs		Unit 3 Worksheet 3
3.3	3E	Proving Lines Parallel		Unit 3 Worksheet 4
3.3	3E	Proving Lines Parallel		Unit 3 Worksheet 5
Review 3.1-3.3	3A-3E	Review 3.1-3.3		Unit 3 Worksheet 6
Quiz 3.1-3.3	3A-3E	Quiz 3.1-3.3		NONE!!!!
3.4 (day 1)	3F	Slope		Unit 3 Worksheet 7
3.4 (day 2)	3G	Slope of Parallel and Perpendicular Lines		Unit 3 Worksheet 8
3.6 (day 1)	3H	Perpendicular Lines		Unit 3 Worksheet 9
3.6 (day 2)	3H	Parallel and Perpendicular Lines with Equations		Unit 3 Worksheet 10
Review	3A-3H	Review 3.1-3.6		Unit 3 Worksheet 11
Review	3A-3H	Stations		Study for Test!
TEST	3A-3H	Unit 3 Test		NONE!!!!

Remember all late work is due by the **last day** of the chapter! This schedule is tentative and subject to change. Check announcements on the website if there are changes.

Math Fun in the World

"My career was sputtering until I did a 360 and got headed in the right direction."

-Tracy McGrady

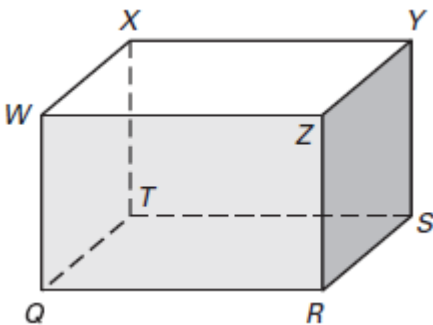
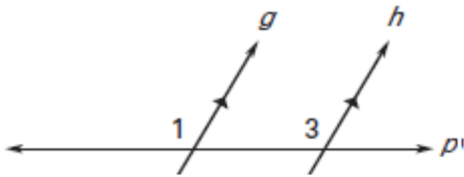


For each target, rate yourself on how well you know the target.

Per. _____ Date _____

- 1) I've never seen this topic before and wouldn't even know how to begin.
- 2) I've heard or seen this before, but don't know how to start or complete the problem
- 3) I know the topic and can work through the problem but am unsure whether I am correct.
- 4) I feel comfortable that I could present my work and solution to the class.
- 5) I feel that I could correctly teach this topic to another student if asked.

By the end of this unit, you should be able to:

	Section	Target	Examples	1	2	3	4	5
3A	3.1	Identify lines and planes that are parallel. Identify lines that are skew	 <p>_____, _____ are skew</p>					
3B	3.1	Know and apply the term transversal and angles formed by 2 lines and a transversal: Alternate Interior, Alternate Exterior, Consecutive (Same side) Interior, and Corresponding Angles.	 <p>Which angle pair are $\angle 1$ & $\angle 3$?</p>					
3C	3.2	Given one angle, find the measures of the other angles formed by parallel lines and a transversal	If $m\angle 1 = 120^\circ$, what is the $m\angle 3$?					
3D	3.2	Solve algebraic equations using angles that are formed by parallel lines & transversals.	If $m\angle 1 = 4x - 15$ and $m\angle 3 = 2x + 17$, find the value of x.					
3E	3.3	Prove lines are parallel to each other given information about angle relationships.	If $\angle 1 \cong \angle 3$, how can we prove the lines are congruent?					
3F	3.4	Find the slope of the line between 2 points.	Find the slope between (6,4) and (-3,5).					
3G	3.4	Solve problems involving parallel and perpendicular lines.	What is the slope of a line parallel to the one through (6,4) and (-3,5). Perpendicular?					
3H	3.6	Apply properties of perpendicular lines. Recognize the symbol that represents perpendicular lines	Why can you prove $m \parallel n$? 